692/01

ABSTRACT OF THE DISCLOSURE

In an information processing apparatus 1 to be installed in a vehicle, there are set a plurality of pixels by means of dividing a detection space around a vehicle into sub-divisions. One or more sensors 11 capture detection information DS pertaining to the state of inside of the detection space. A parameter conversion section 12 produces first parameters pertaining to an object located in the pixel on the basis of the detection information DS for each sensor 11, and assigns the first parameters to each pixel. The parameter integration section 15 integrates the first parameters assigned to the pixel on a per-pixel basis, and assigns to the pixel a second parameter which is the result of integration of the first parameters. A processing execution section 25 performs an adaptive task pertaining to vehicle control, through use of integration information MD2 consisting of the second parameters assigned to all pixels or through use of control information DC based on the integration control information MD2. As a result, processing for integrating information is made common without regard to the combination of the sensors 11.